

# ADN-W D1 Wireless delegate unit

## FEATURES

- Interference-free and eavesdropping-proof transmission in the 2.4 GHz and 5 GHz frequency bands
- 128-bit AES encryption
- Exchangeable ADN-W BA Lithium-Ion battery pack for more than 20 hours operating time
- Screw-on microphone socket for connection of an ADN-W MIC gooseneck microphone
- Broadband twin loudspeaker system
- Integrated DSP limiter
- 3.5 mm headphone socket and headphone volume control
- Modern design

The **ADN-W D1** wireless delegate unit offers excellent speech intelligibility and ease of use. Powered by the exchangeable ADN-W BA battery pack, the unit offers more than 20 hours operating time. The delegate unit features a microphone key that functions either as an on/off switch or as a request-to-speak button. The unit is equipped with a high-performance broadband twin loudspeaker system for decentralized sound reinforcement. A screw-on microphone socket is provided to connect a super-cardioid ADN-W MIC gooseneck microphone (available in different lengths and frequency responses). The wireless delegate unit with its battery pack can be charged in the ADN-W CASE UNITS or using the NT 12-50C DC power supply.



## ARCHITECT'S SPECIFICATIONS

A wireless digital desktop conference unit designed for use as a delegate version in a wireless digital conference system. The delegate unit shall be designed for excellent speech intelligibility and ease of use. It shall connect to the conference system via the ADN-W AM antenna module and shall operate in both the 2.4 GHz and the 5 GHz frequency band for reliable, interference-free communication with the antenna module. The delegate unit shall have built-in PCB antennas with pattern diversity and a coverage area of 30 m (100 ft) radius. The unit's RF output power shall be adjustable from 25 to 100 mW. To prevent unauthorized access and eavesdropping, the unit shall use 128-bit AES encryption. Power to the unit shall be supplied by the exchangeable ADN-W BA battery pack with an operating time of more than 20 hours. The unit with its battery pack shall be rechargeable in the ADN-W CASE UNITS charging case or using the NT 12-50C DC power supply. The unit shall have a high-quality and rugged plastic housing and shall feature

Continued on page 2

## TECHNICAL DATA

SYSTEM	
Frequency range .....	2.4 / 5.1 to 5.9 GHz
RF output power .....	25 to 100 mW
Antennas .....	built-in PCB antennas with pattern diversity
Coverage area .....	30 m (100 ft) to ADN-W AM antenna module
Power supply.....	7.4 VDC via ADN-W BA battery pack
Operating time .....	> 20 h with battery pack
Charging time of battery pack.....	approx. 4 h
Audio quality .....	16 bit / 32 kHz
Headphone connection.....	3.5 mm stereo jack socket
Headphone output level.....	50 mW / 16
THD (at 1 kHz) .....	0.03 % at 50 mW / 16
Loudspeaker frequency response.....	100 Hz to 14.5 kHz
Signal-to-noise ratio .....	> 70 dB(A)
Dimensions (W x H x D).....	185 x 67 x 180 mm (7.28" x 2.48" x 7.09") w/o gooseneck microphone
Weight .....	approx. 940 g (2.07 lbs) incl. battery pack
Operating temperature range.....	5 °C to +45 °C
Operating relative humidity .....	20 to 80 %

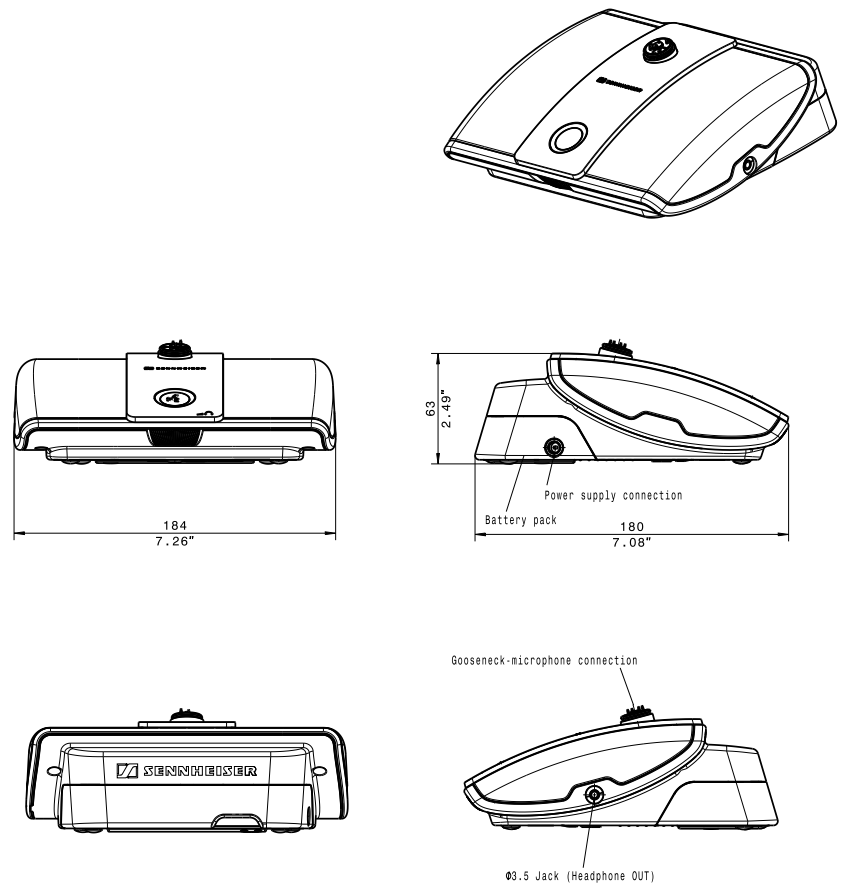
DELIVERY INCLUDES  
ADN-W D1 delegate unit  
Quick guide

## ADN-W D1 Wireless delegate unit

### ARCHITECT'S SPECIFICATIONS

a microphone key with a bicolor LED ring for microphone status indication. The microphone key shall function either as an on/off switch or as a request-to-speak button. A high-performance broadband twin loudspeaker system shall be provided for decentralized sound reinforcement and an integrated DSP limiter shall protect against excessive input signals. The unit shall have a screw-on microphone socket for connection of a super-cardioid ADN-W MIC gooseneck microphone. A 3.5 mm headphone socket and a headphone volume control shall be provided. The headphone output level shall be 50 mW / 16. THD (at 1 kHz) shall be 0.03 % at 50 mW / 16. The loudspeaker frequency response shall be 100 Hz to 14.5 kHz. Signal-to-noise ratio shall be > 70 dB(A). Dimensions without gooseneck microphone shall be 185 x 67 x 180 mm (7.28" x 2.48" x 7.09"). Weight including the battery pack shall be approximately 940 g (2.07 lbs). The operating temperature shall range from 5 °C to 45 °C (41 °F to 113 °F) and the operating relative humidity shall be from 20 to 80 percent. The wireless digital desktop delegate unit shall be the Sennheiser ADN-W D1.

### DIMENSIONS



### PRODUCT VARIANTS

ADN-W C1

Art.No: 504745

### RECOMMENDED ACCESSORIES

ADN-W BA

Art.No: 504744

ADN-W MIC 15-39

Art.No: 504750

ADN-W MIC 36-29

Art.No: 504751

ADN-W MIC 15-50

Art.No: 504752

ADN-W MIC 36-50

Art.No: 504753

## Contact your local Service Partner:

Sennheiser electronic GmbH & Co. KG  
 Am Labor 1, 30900 Wedemark, Germany  
[www.sennheiser.com](http://www.sennheiser.com)

 **SENNHEISER**